



# COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION  
1401 EAST BROAD STREET  
RICHMOND, VIRGINIA 23219-2000

**CHARLES A. KILPATRICK, P.E.**  
COMMISSIONER

February 25, 2014

To: All Urban Municipalities

Re: Urban Maintenance Inventory Reconciliation

The Virginia Department of Transportation (VDOT) has recently merged multiple highway information systems into what is known as the Roadway Network Systems (RNS). The RNS provides the means of tracking and managing Virginia's road inventory and associated assets and attributes in a tabular, linear, and geospatial context. The RNS currently includes a variety of data such as speed zone information, crash data, and railroad crossing locations; the data is also used to support Virginia 511. The RNS initiative consists of multiple on-going projects that will, when completed, include additional integrated data. A complete and accurate State-wide inventory is also necessary for Highway Performance Monitoring System reporting, so that Virginia can receive the maximum apportionment of available federal highway funds.

A comprehensive update to the VDOT Urban Maintenance Inventory System (UMIS) is part of the RNS merger. In addition to normalizing street names to the National Emergency Number Association (NENA) standards, this project will convert centerline data into the Virginia Geographical Information Network (VGIN) and will combine the VDOT Urban Maintenance Inventory System (UMIS) into a geospatial layer with a centerline dataset on RNS. As a reminder, UMIS is the system that VDOT uses to track the inventory of streets used in determining the urban quarterly payment amounts for each urban locality. For the first time ever VDOT will be able to integrate all roads in one geo-referenced format.

The project is nearly complete and our final step is to reconcile errors and omissions within the UMIS data. As we reconcile the inventory for your locality, we will be reaching out to your staff with questions or confirmations of our findings, which may result in changes to UMIS. Once this reconciliation is complete, we will be able to provide you with a GIS layer of your inventory that you receive maintenance payments for.

If you have any questions or need additional information, please feel free to contact Russ Dudley at 804-786-6663 or email [russ.dudley@vdot.virginia.gov](mailto:russ.dudley@vdot.virginia.gov) or me at (804) 786-0334 or email [Jennifer.DeBruhl@VDOT.Virginia.gov](mailto:Jennifer.DeBruhl@VDOT.Virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "JDeBruhl", written over a horizontal line.

Jennifer DeBruhl  
Director, Local Assistance Division

Cc: Virginia Municipal League  
Virginia First Cities Coalition